

BX6847

10NM short of end A/R 67.5 START CL

AT TPA 73.0 FUA 43.0

(TIME) START TURN TO EXIT

pos 03 - 2000 fuel
pos 05 + 1000 fuel
pos 07 on fuel

STDS 259 DTG - had to accel
at FL 600 was 145NM from the
at FL 600 in Des.

7800# at Contact at Scope Heat pos 09

455-460 KEAS 2nd climb
step at DTG 300+ to pos 11

25 YEAR RE-REVIEW

START

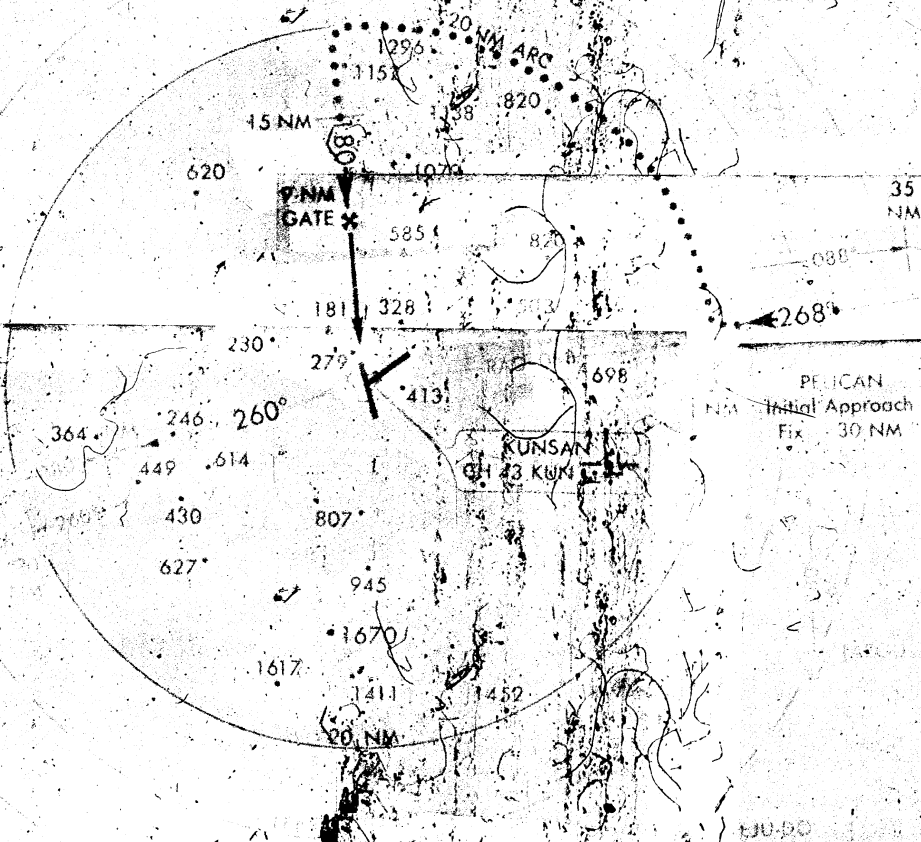
BX 6847

26 JAN 68

FS # 070

TACAN-2 RWY 17

KUNSAN APP CON:
362.5 363.8X 135.9
KUNSAN TOWER
307.6 236.6 126.2
GND CON
278.8
PAR/ASR



TA 24,000

EMERG SAFE ALT 100 NM 8300

PELICAN

RAD-088

30 NM

18,000

20 NM RAD-050

20 NM

20 NM ARC

5000

3200

2500

180°

2200

2000

9 NM GATE

18 NM

260°

ATACAN

PA G

5000 X 150

Control Tower

AGC J-8

168

145

35

LANDING MINIMA

Straight-in

Circling

630 MSL

600 0.1 1/2

TACAN-2 RWY 17

3 35°54'N-126°37'

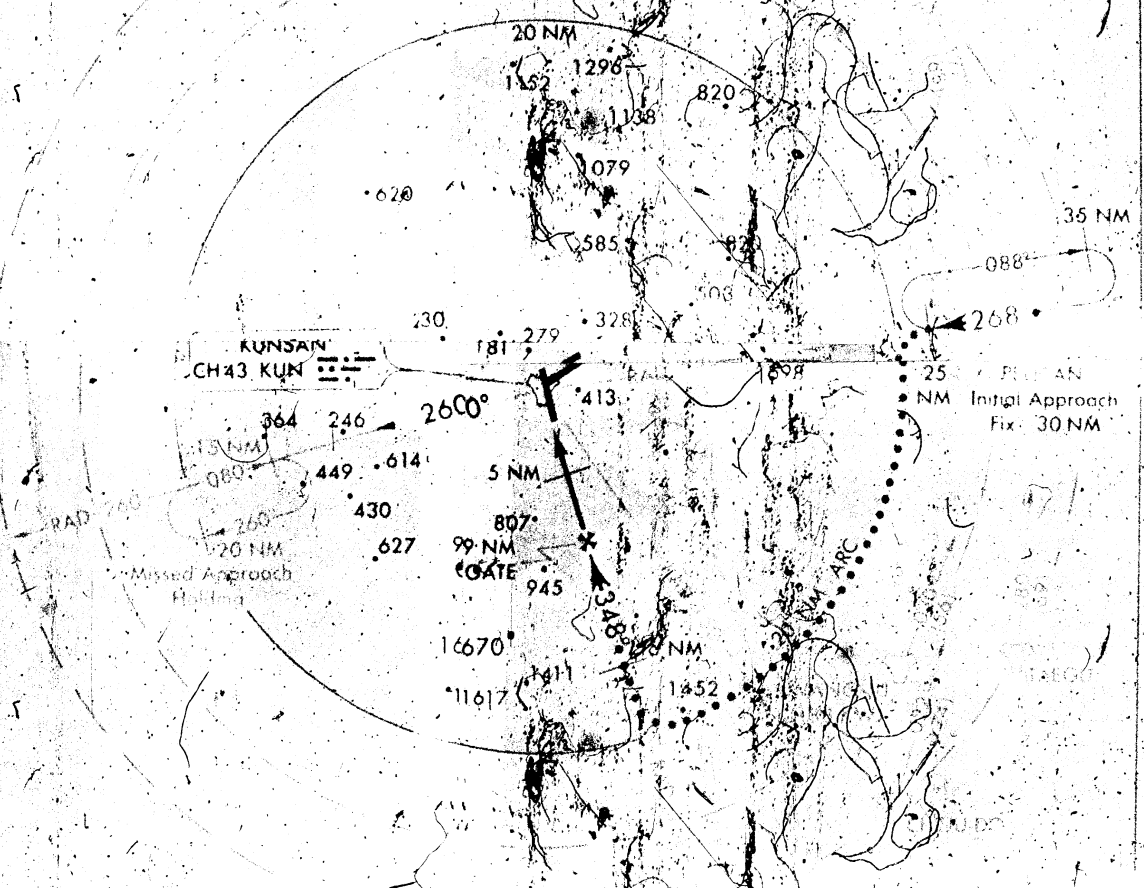
KUNSAN AB

TACAN-2 RWY 35

AL 2720° (USAF)

KUNSAN AB
KUNSAN, KOREA

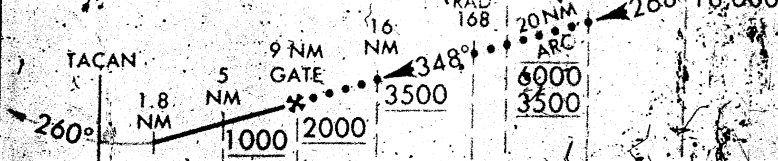
KUNSAN APP CON
362.5 363.8 X 135.9
KUNSAN TOWER
307.6 236.6 126.2
GND CON
1 275.8
PAR/ASR



TA 24,000

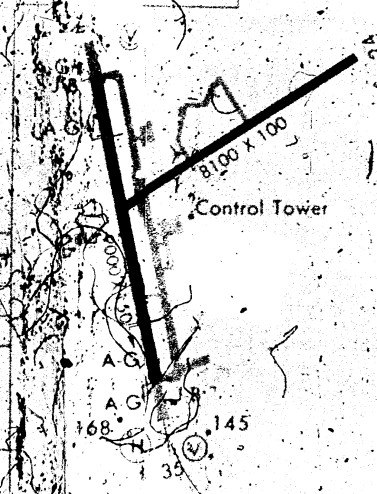
EMERG SAFE ALT 100 NM 8300

MISSED APPROACH
1.8 NM prior to TACAN left turn
climb on RAD-260 to 3000 and hold.



MIN SAFE ALT 25 NM 3600

MIN ELEV 30



LANDING MINIMA

Straight-in	530 MSL	500-1
Circling	630 MSL	600-1½

TACAN-2 RWY 35

35°54'N-126°37'E
125

KUNSAN, KOREA
KUNSAN AB

TACAN/ILS-2 RWY 05

100

JAL-1457 (US)

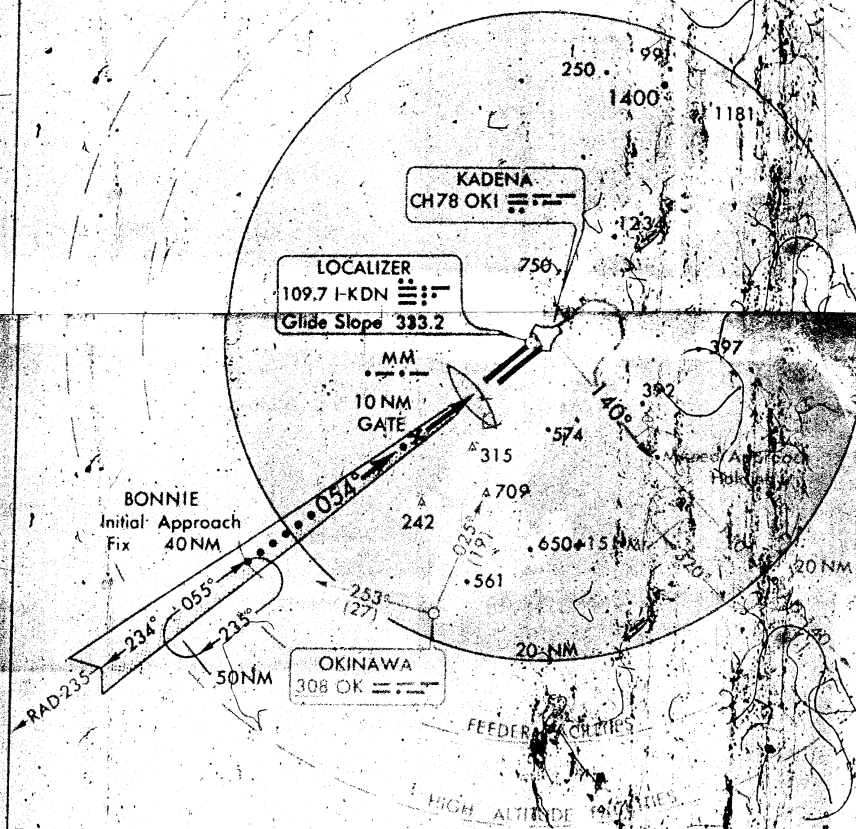
KADENA AB

RYUKYU ISLANDS

OKINAWA APP CON
255.4 135.9
KADENA TOWER
315.8 236.6 126.2.
GND CON
275.8

PAR/ASR

OKUMA



TA 18,000

EMERG SAFE ALT 100 NM 2700

SAFE A 25 NM - 2600

REC'D ELEV. 42

1944

Rev 23R 1/2/81

[illegible]

considered by
10-238

1990

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

10

10

SECRET

~~CONFIDENTIAL~~

SECRET



J.B.A.G.
J.B.

1. The first part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

CAUTION: 20

~~Construction on~~

10

0-14-101-1-1

10

10

10-10-68

100

1971

0041R001600010031-7

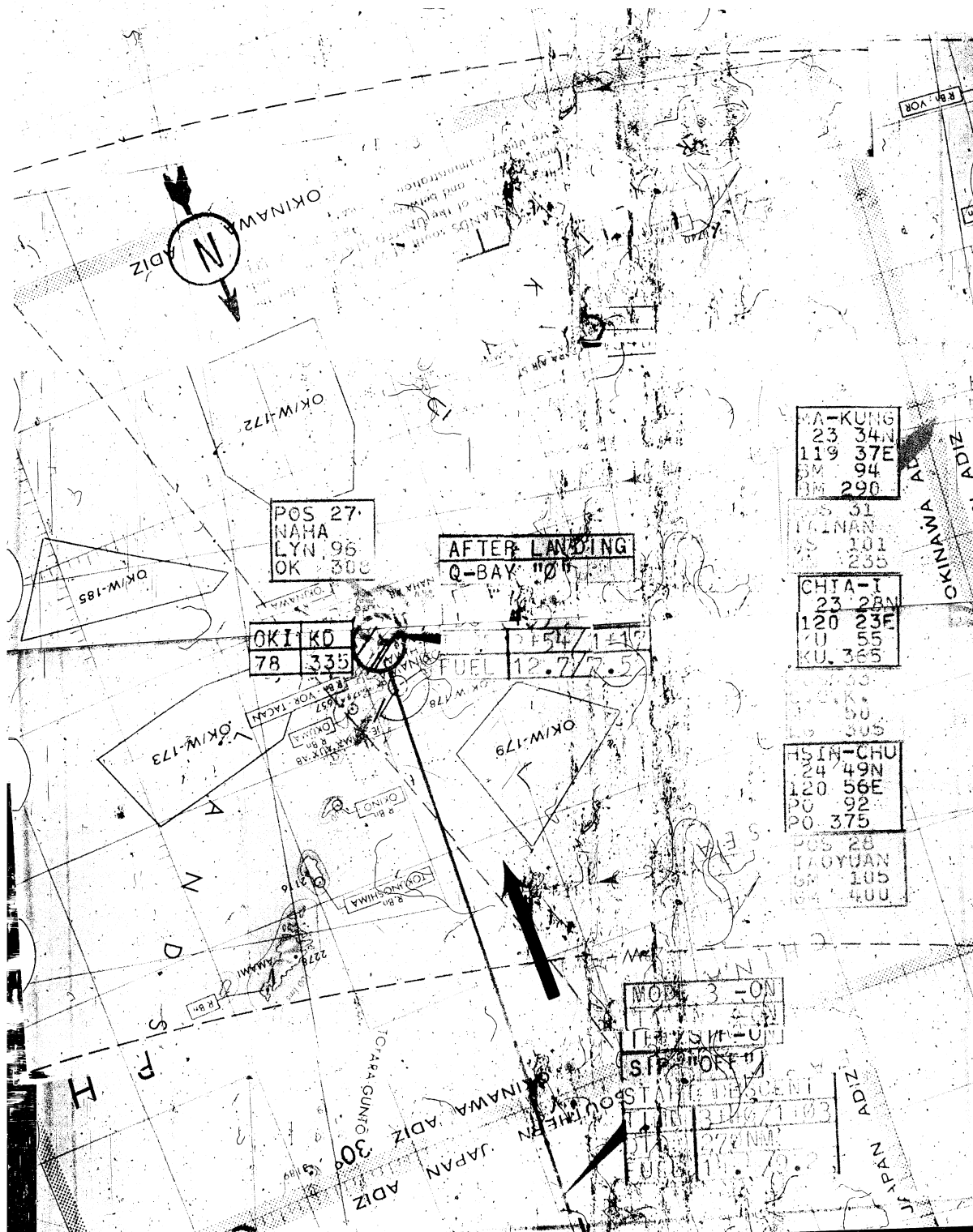
TACAN/ILS-2 RWY 05

26°21'N - 107°46'E

KADAKA OKINAWA

RYUKYU ISLANDS

KADENA AB



POS	(14)
TIME	3134/+52
DTG	22NM
FUEL	16.9/11.6
ALT	81.1

OS 36
TAZUKE
TA 92
Z 223

POS 35
IWAKUN
NEU 35
AJ 223

MIO	JE
39	284

B-CODE
20,000#
FUEL: REM

REQDZ PAR
DTG -399NM
EWS "OFF"

TO POS (14)	
33-18N	
128-00E	
DTG	399NM
ETA	3+34
ETE	113
TH	216°
MH	223°
FUEL	22.8/18.0

NOTE -
The following information was obtained from the records of the Department of Defense, Office of the Inspector General, Washington, D.C., dated 10/1/78.

43

10

1990



1000

2

MIN PEN ALT
78,000
BIT
DTG -150NM

START CG (3.2M)
TIME 2+55
DTG 219NM
FUEL 43.9/30.5
ALT 73.8
TH 334°
MR 22°

SIP "ON"

EWIS -ON
ALT -L500
DTG -423NM

TO POS (11)
38-20N
132-28E
DTG 1548NM

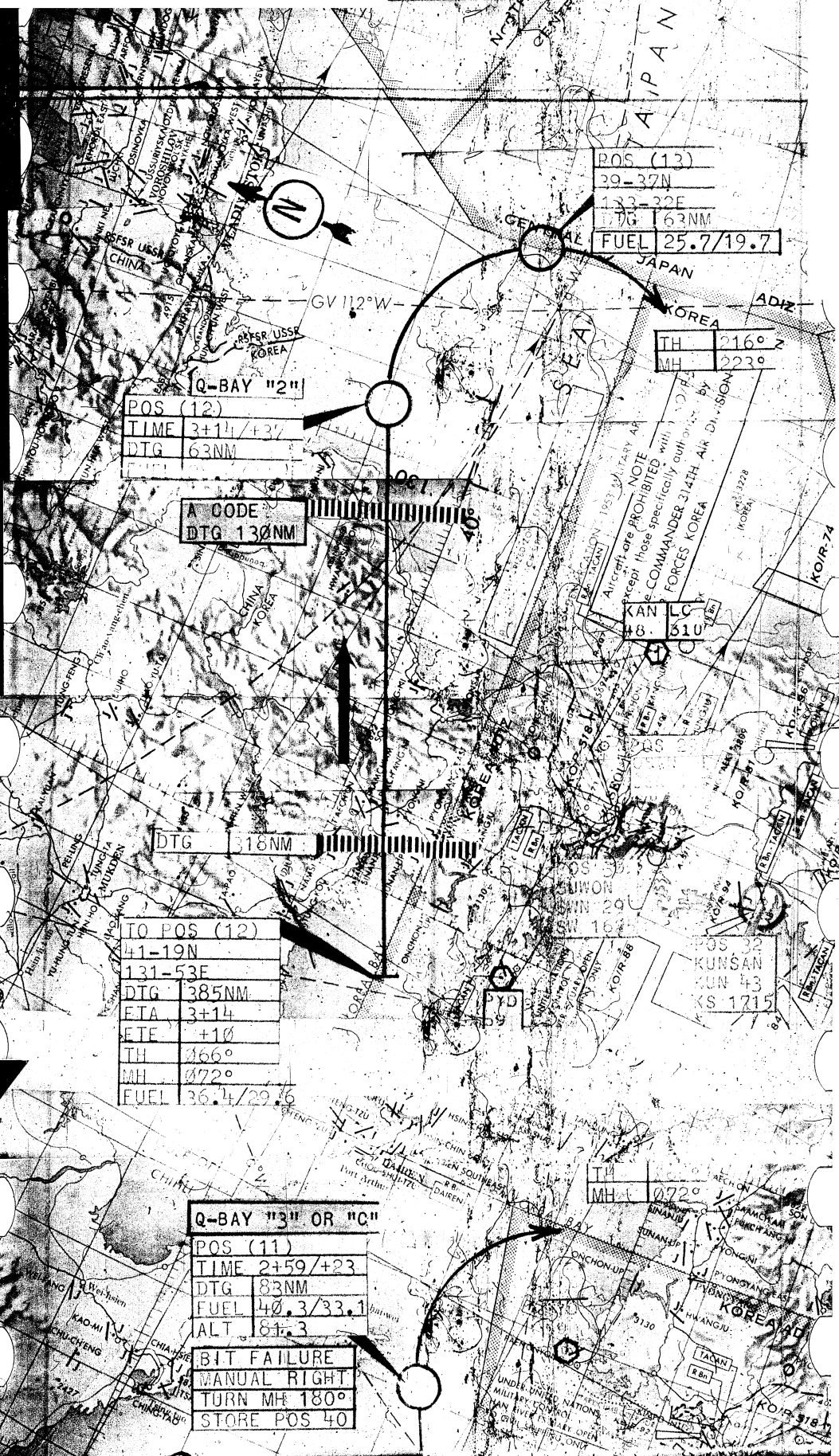
TA 14220
TH 331°
MR 335°

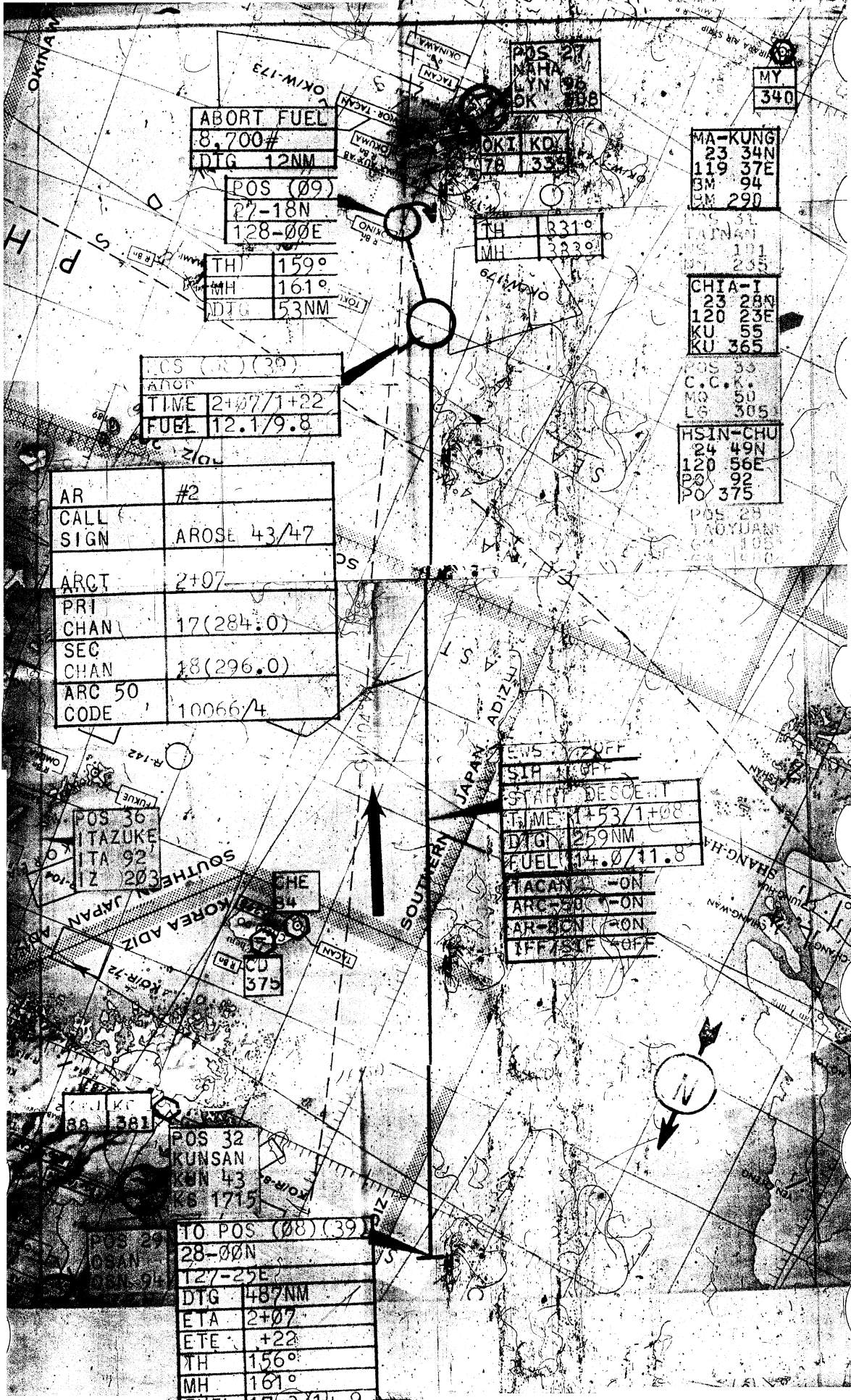
FUEL TO CONT
59,900#

POS (1)
END AR
DTG -00N
132-00E
TIME 2+37

TH 331°
MR 333°
DTG 172NM

POS 27
NAHA
LYN 96
OK 308





ABORT FUEL
8,700#
DTG 12NM

POS (09)
27-18N
128-00E

TH 159°
MH 161°
DTG 53NM

CS (R) (30)
ATOP
TIME 2+07/1+22
FUEL 12.1/9.8

AR	#2
CALL SIGN	AROSE 43/47
ARCT	2+07
PRI CHAN	17(284.0)
SEC CHAN	18(296.0)
ARC 50 CODE	10066/4

POS 27
NAHA
LYN 95
OK 888

OKI KO
178 133

TH 831°
MH 333°

MA-KUNG
23 34N
119 37E
3M 94
LM 290

CHIA-I
23 28N
120 23E
KU 55
KU 365

POS 33
C.C.K.
MQ 50
LS 305

HSIN-CHU
24 49N
120 56E
PO 92
PO 375

POS 28
TAOYUAN
24 105
24 110

EMS OFF
SIH OFF
START DESCENT
TIME 1+53/1+08
DTG 1259NM
FUEL 14.0/11.8

TACAN -ON
ARC -ON
AR -ON
IFF -OFF

POS 36
ITAZUKE
ITA 92
IZ 203

CHE
34

CU
375

POS 32
KUNSAN
KUN 43
K 6 1715

TO POS (08) (39)
28-00N
127-25E
DTG 487NM
ETA 2+07
ETE +22
TH 156°
MH 161°
FUEL 14.0/11.8

TH 156°
MH 161°

W
S
E
A
ADIZ

DTG 138NM

POS 32
KUNSAN
KUN 43
KS 1715

POS 30
SUMON
SWN 29
SW 1625

POS 29
OSAN
OSN 94

POS 34
TAEGU
TAG 122
FH 1242

KAN LC
31

POS (07)
36-40N
122-45E
DTG 1276NM
ETA 1+41
ETE +06
TH 249°
MH 255°
FUEL 22.5/20.0

ROLL IN +2 MIN

POS (6)
32+47
FUEL 21.4
ALT 70

POS 36
IT 92
203

POS 35
IWAKUNI
NEU 35
AU 223

UKT KM
43 234

POS (07)
36-40N
122-45E
DTG 14NM
ETA +32
ETE +02
TH 249°
MH 255°
FUEL 5.1/22.5

IF ABORTING FROM POS (07)
SELECT POS 14, THEN POS 08 (ARCP)
POS (07)
23

Approved For Release 2010/06/08 : CIA-RDP69B00041R001600010031-7

TH	302°
MH	308°
FUEL	25.1/22.5

IF ABORTING FROM POS 05
 SELECT POS 14, THEN POS 08 (ARCP)
 POS (14)
 33-18N
 128-00E
 MH 230°
 FUEL 19.0

POS (04)
 TIME 1+18/+33
 DTG 137NM
 FUEL 22.0/29.2
 ALT 77.6

POS (05)
 36-27N
 133-04E
 DTG 132NM
 FUEL 28.5/25.8

DTG 179NM

TH 302°
 MH 308°

DTG 132NM

POS 3
 TAG 1
 TAG 122
 FH 1742

TO POS (04)
 40-59N
 134-15E
 DTG 479NM
 ETA 1+18
 ETE 1+11
 TH 067°
 MH 072°
 FUEL 40.3/37.2

DTG 160NM

POS 32
 KUNSAN
 KS 1715

BIT FAILURE
 MANUAL RIGHT
 TURN, MH 180°
 STORE POS 40

TH 067°
 MH 072°

BIT
 ROLL IN +01

POS (03)
 START CG
 TIME 1+02
 DTG 111NM
 FUEL 45.1/21.3
 ALT 80.3
 TH 319°
 MH 324°

KAN LC
 +8 310

Q-BAY -3 OR C

MIN PEN ALT
78,000

STP -ON
EWS -ON
ALT -FL500
DTG -289NM

TCAN -OFF
AR-BCN -OFF
ARC-50 -INT
ARC-50 -INH
IFF/SIF -OFF

POS (02)
END AR
32-10N
127-40E

ABORT FUEL
13,200#
DTG 90NM

POS (01)(38)
ARCP
30-00N
127-40E
TIME +29

TH 345°
MH 347°
DTG 219NM

POS (00)
26-21N
127-46E

BEFORE TAKEOFF
G-BAY -2
AR-BCN -ON
IFF/SIF -OFF

TO POS (03)
32-30N
127-20E
DTG 141NM
ETA 1+02
TIME 1+17
ALT 3200

FUEL TO CONT
68,000#

AR	#1
CALL	AROSE 45/48
SIGN	
ARCT	+29
PRT	
CHIN	17(284.0)
SEC	
CHIN	18(206.0)
ARC 50	
CODE	10066/4

PACKAGE CHECK
INTRA-FL500
WIND CHECK
E-BAY
A-COUNT

OKI-KD
78 335

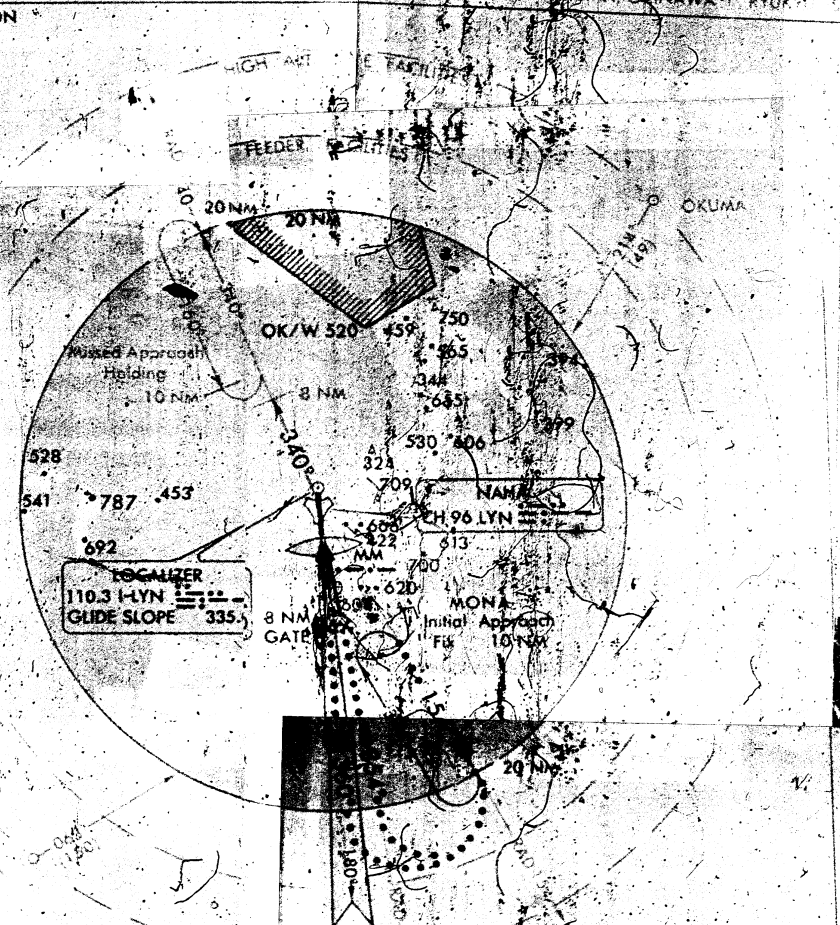
POS
NAHA
LYN
OK

BX 6847

TAO-YUAN A/D

158

USAFI NAHA AB



MIN SAFE ALT 25 NM 2200

MONA
RAD: 1.54
10 NM.

* Circling to West only

TACAN/ILS-4 RWY 36

26°11' N-127°39' E

NAHA-OKINAWA 1 RYUKYU IS
NAHA AB

NAHA

TACAN/ILS-2 RWY 36

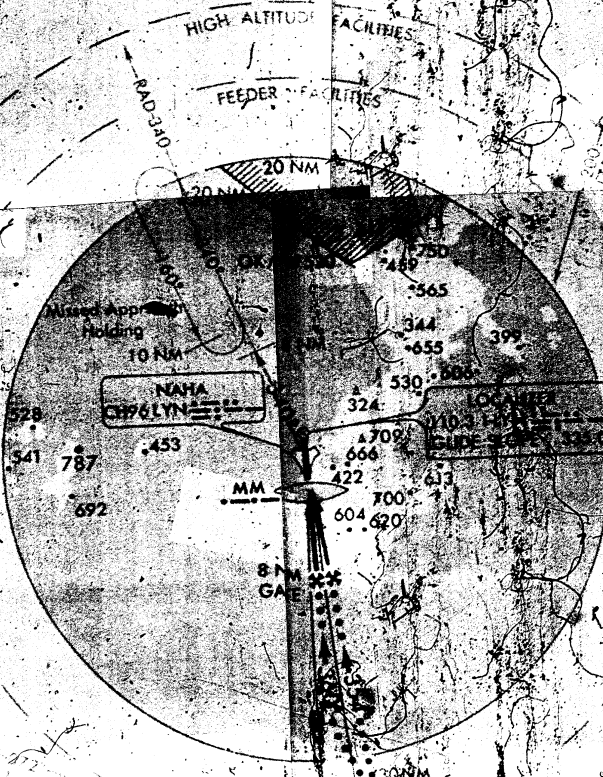
JAL-173

SAFE

NAHA AB

NAHA, OKINAWA I., RYUKYU IS.

OKINAWA APP CON
255.4 135.9
NAHA TOWER
308.6 238.6
126.2 118.1
GND CON
288.6
PAR/ASR

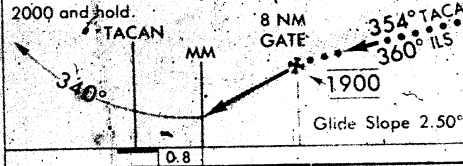


TA 18,000
EMERG SAFE ALT 100 NM 2700

Initial Approach RAD 174
FL 40 NM

MIN SAFE ALT 25 NM 2200

MISSED APPROACH
1.7 NM prior to TACAN, left turn climb on
RAD-340 to 1000 until 8 NM fix, climb to
2000 and hold.

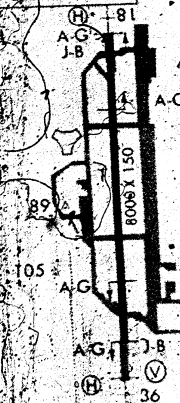


LANDING MINIMA

Str-in-ILS	314 MSL	300-1
Str-in-TACAN	500 MSL	500-1
Circling*	600 MSL	600-1
Str-in-LOC	400 MSL	400-1

*Circling to West only.

FIELD ELEV 14



Control
Tower
96

TACAN/ILS-2 RWY 36

26°11'N-127°39'E

157

NAHA, OKINAWA I., RYUKYU IS.

NAHA AB

NAHA

TACAN-2 RWY 18

156

JAL 733 (USAF)

NAHA AB

NAHA, OKINAWA I., RYUKYU IS.

OKINAWA APP CON.

255.4 135.9

NAHA TOWER

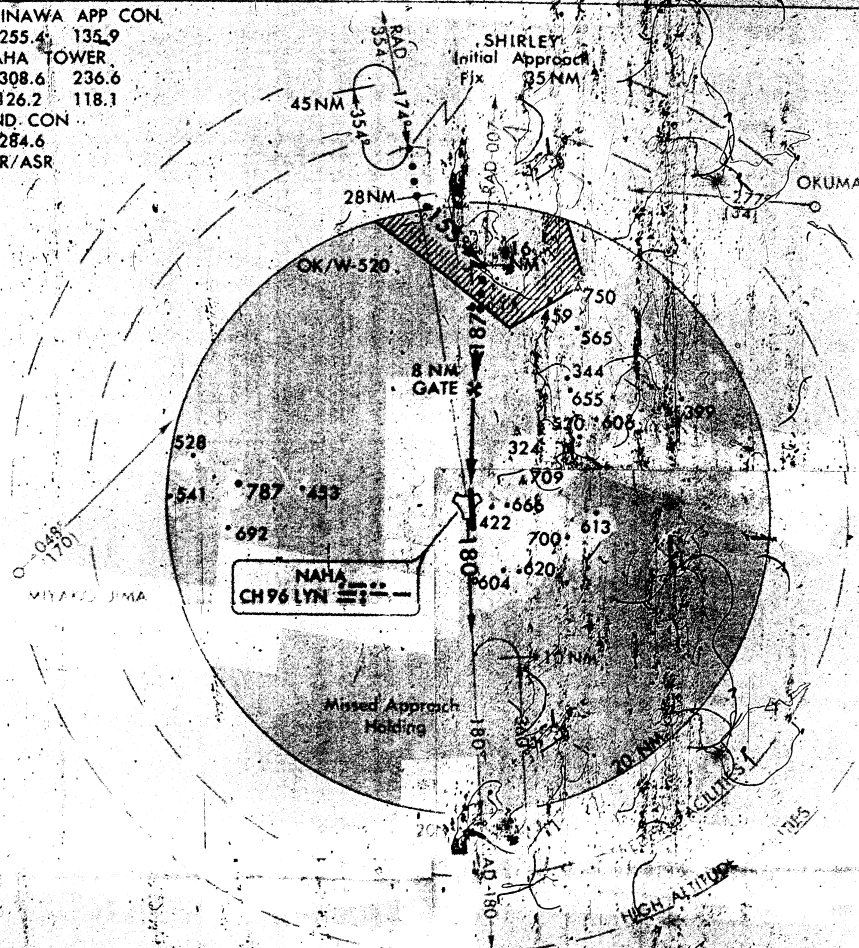
308.6 236.6

126.2 118.1

GND. CON

284.6

PAR/ASR



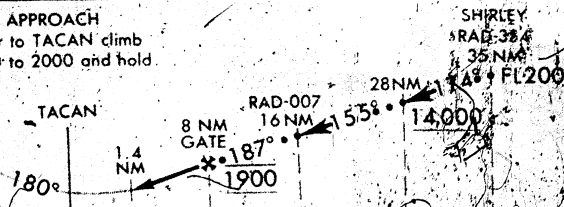
TA 18,000

EMERG SAFE ALT 100 NM 2700

MISS SAFE ALT 25 NM 2200

MISSSED APPROACH

1.4 NM. prior to TACAN climb on RAD-180 to 2000 and hold.

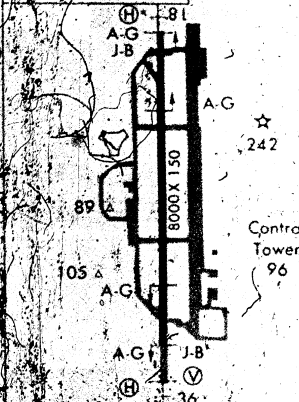


LANDING MINIMA

Straight-in	400 MSL	400-1
Circling *	600 MSL	600-1

* Circling to West only

FIELD ELEV. 14



TACAN-2 RWY 18

26°11'N-127°39'E

NAHA, OKINAWA I., RYUKYU IS.

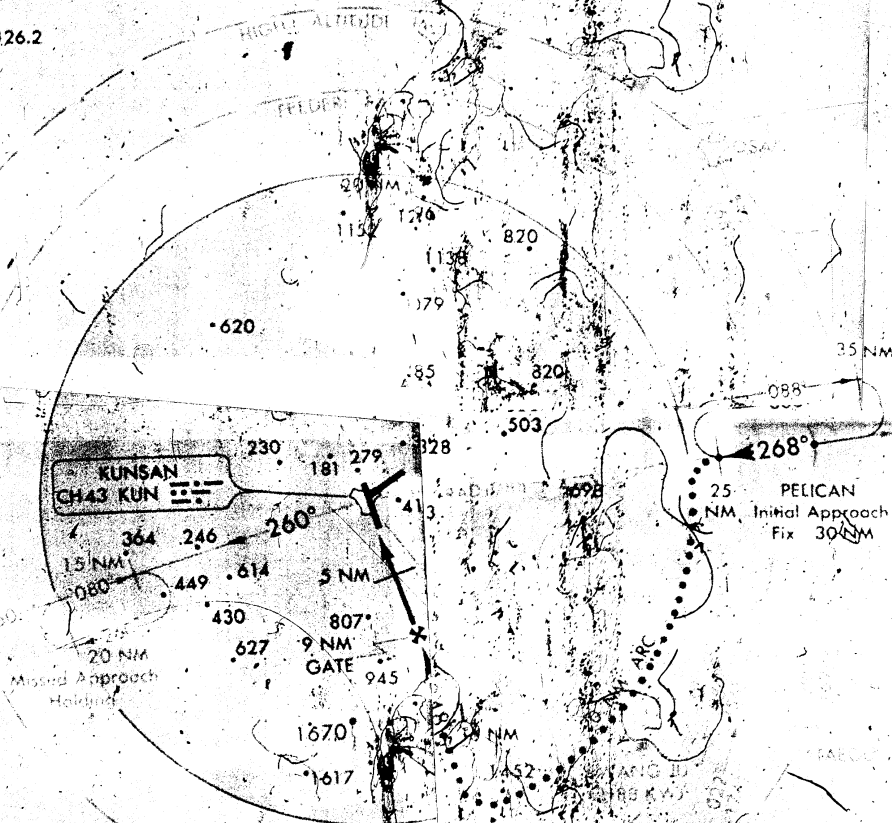
NAHA AB

NAHA

TACAN-2 RWY 35

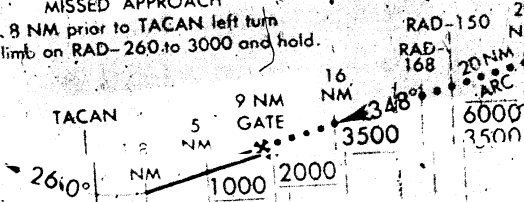
KUNSAN AB
KUNSAN, KOREA

KUNSAN APP CON
362.5 363.8 X 135.9
KUNSAN TOWER
307.6 236.6 126.2
GND CON
275.8
PAR/ASR



TA 24.000
EMERG SAFE ALT 100 NM 8300

MISSED APPROACH
1.8 NM prior to TACAN left turn
climb on RAD-260 to 3000 and hold.



LANDING MINIMA		
Straight-in	530 MSL	500-1
Circling	630 MSL	600-1 1/2

TACAN-2 RWY 35

35°54'N 126°37'E
125

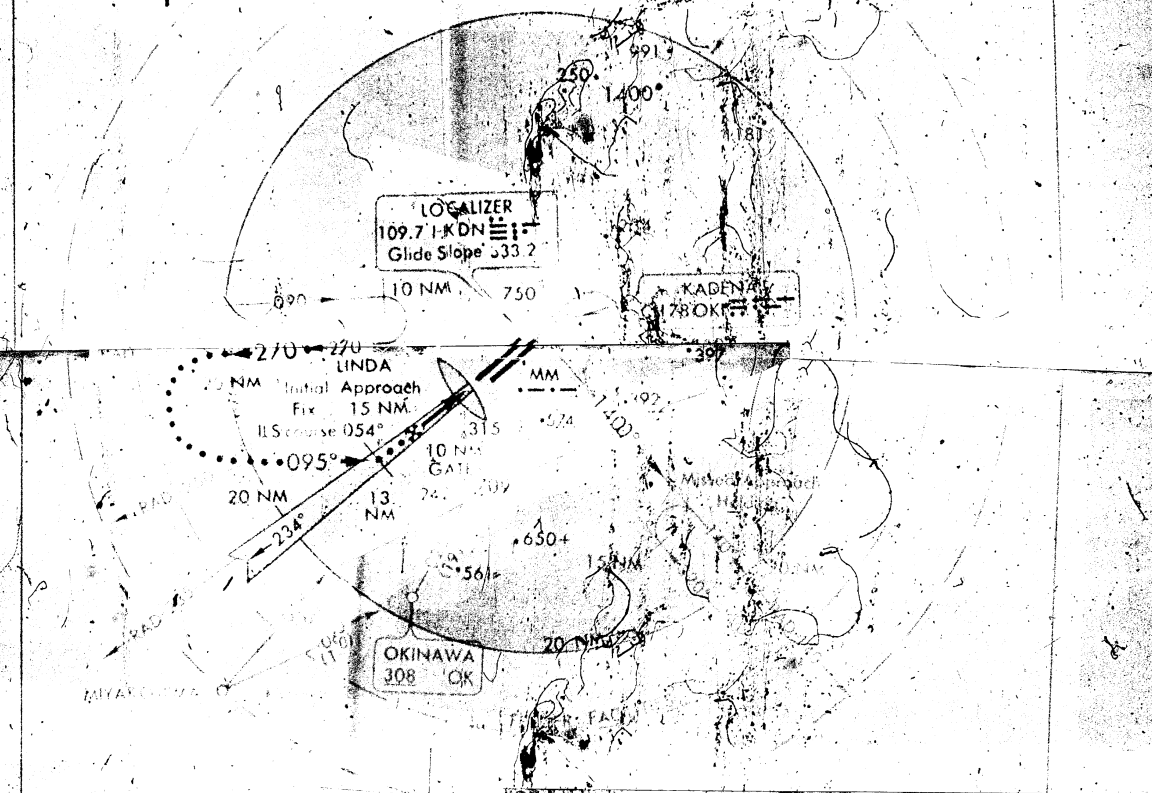
KUNSAN

KUNSAN, KOREA
KUNSAN AB

KADENA

TACAN/ILS-4 RWY 05

OKINAWA API CON
255.4 135.9
KADENA TOWER
315.8 236.6 126.2
GND CON
275.8
PAR/ASR



EMERGENCY ALTITUDE 2700

Left turn remain within 30 NM

12,000 270° FL 200

4000 RAD 250 20 NM RAD 235 13 NM

Glide Slope 2.50°

1500 054°

10 NM GATE

054°

054°

054°

054°

054°

054°

054°

054°

054°

MISSED APPROACH:
At Min Alt climb on 054° to 2000
20 NM after TACAN right turn
Intercept RAD 140 and hold

MINIMUM ALTITUDE 2600

Left turn remain within 30 NM

12,000 270° FL 200

4000 RAD 250 20 NM RAD 235 13 NM

Glide Slope 2.50°

1500 054°

10 NM GATE

054°

054°

054°

054°

054°

054°

054°

054°

054°

TACAN/ILS-4 RWY 05

KADENA AB

JAL 1457 Q5A1

KADERA, ORIN, et al.

KADENA AB

22 MAR 1961 ISLANDS

255.4 135.9

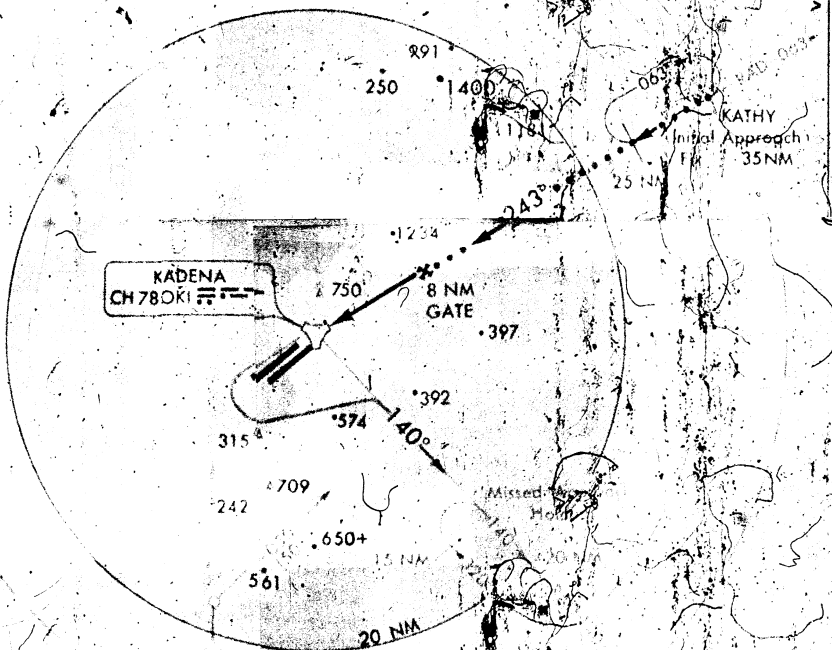
KADENA TOWER

315.8 236.6 126.4

GND CON

275.8

PAR/ASR



74. 1820

Figure 1. Schematic diagram of the experimental setup.

- MISSED APPROACH
AT TACAN climb. on
243° to 2000. At 5.0 NM
after TACAN left turn to
intercept RAD-140 and
hold.

FATHY
RAD-063
35 NM
FL200

MIN. SAFETY ALT. 2500 2600

FIELD. ELEV. 142

Rwy 23R 12:100' and
1200' down Rwy 05L
considered rwy
for 23R

TACAN GATE 2000

MINIMA		MINIMA	
Straight-in	600 MSI		500 I
Circling	800 MSI		700 I

* Circling to East only

CAUTION
Construct

TACAN-2 RWY 23

26°21'N-127°46'E

KADUNA KINAWA / RYUKU ISLANDS

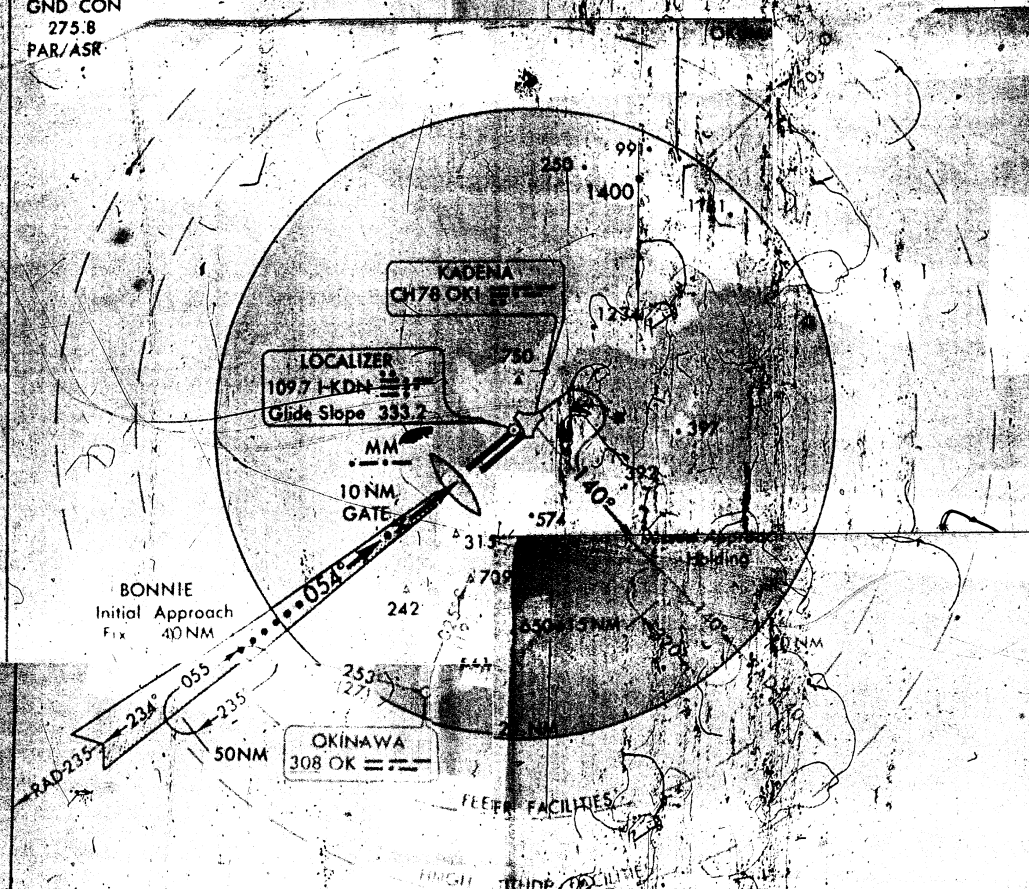
KADENA

TACAN/ILS-2 RWY 05

100
A1-1457 (USAF)

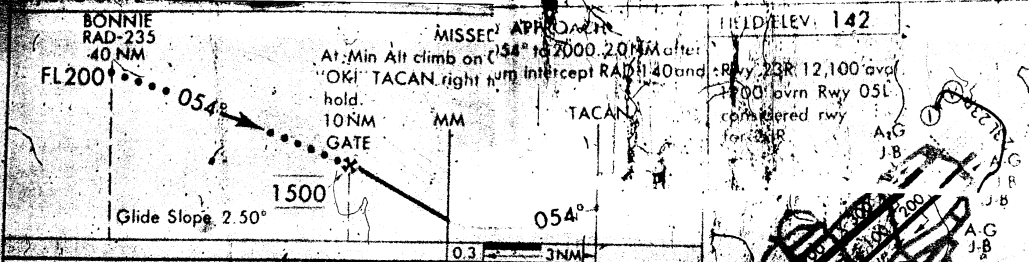
KADENA AB
RYUKYU ISLANDS

OKINAWA APP CON.
235.4 135.9
KADENA TOWER
315.8 236.6 126.2
GND CON
275.8
PAR/ASR



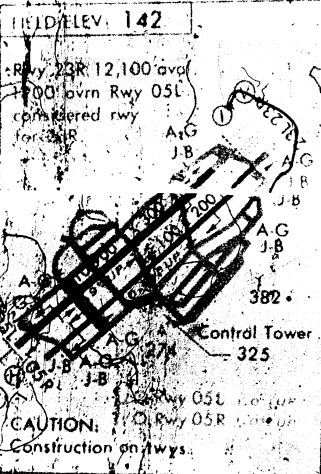
TA 18 800
EMERG SALT ALT 1000 2700

MIN SAFE ALT 25 NM 2600



LANDING MINIMA			
Str-in-ILS	342 MSL	200-1/2 or RVR 24	
Str-in-TACAN	400 MSL	300-1	
Circling	800 MSL	700-1	

* Circling to East only.



TACAN/ILS-2 RWY 05

26°21'N-127°46'E

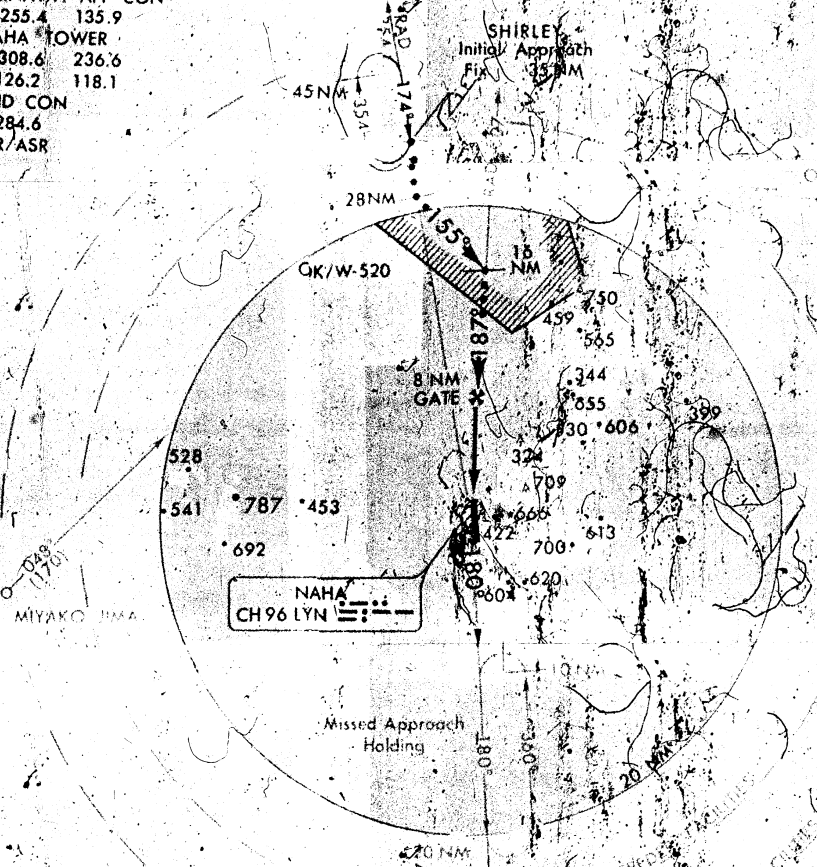
KADENA AB
RYUKYU ISLANDS

TACAN-2 RWY 18

156
JAL 1733 (USAF)

NAHA AB
NAHA, OKINAWA RYUKYU IS

OKINAWA APP CON
255.4 135.9
NAHA TOWER
308.6 236.6
126.2 118.1
GND CON
284.6
PAR/ASR

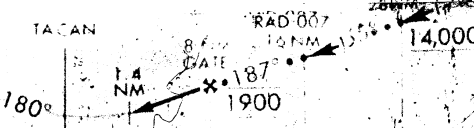


TA 18,000
EMERG SAFE ALT 100 NM 2700

MIN SAFE ALT 25 NM 2200

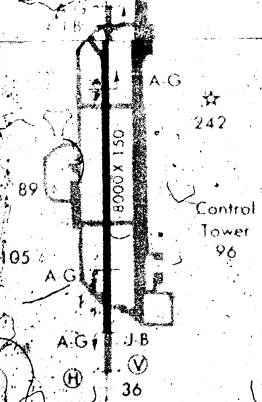
MISSED APPROACH
1.4 NM prior to TACAN climb
on RAD 180

SHIRLEY
FIELD ELEV 14
RAD 354
13 NM
FIELD



LANDING MINIMA			
Straight-in	400 MSL	400	1
Circling *	600 MSL	600	1

* Circling to West only



TACAN-2 RWY 18

26°1'N 127°39'E

NAHA AB
NAHA, OKINAWA RYUKYU IS

NAHA

NAHA

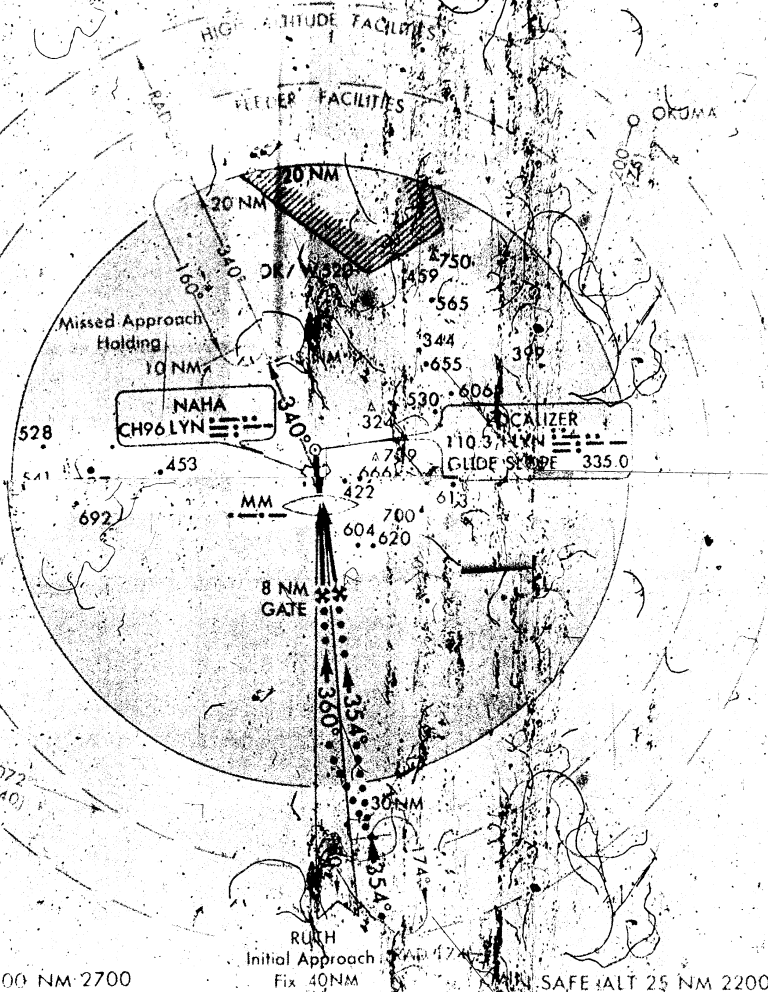
NAHA AB

TACAN/ILS-2 RWY 36

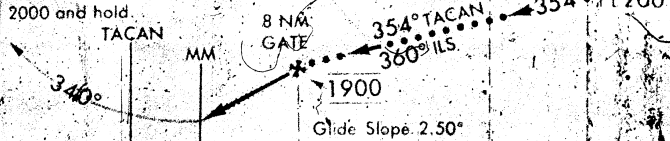
IAF 1733 (USAF)

NAHA, OKINAWA I., RYUKYU IS.

OKINAWA APP CON:
255.4 135.9
NAHA TOWER -
308.6 236.6
126.2 118.1
GND CON
284.6
PAR/ASR

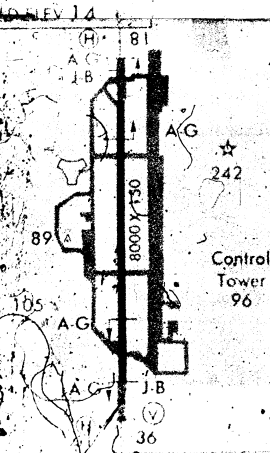


MISSED APPROACH
1.7 NM prior to TACAN, left turn climb on
RAD 340 to 1000 until 8 NM fix, climb to
2000 and hold.

**LANDING MINIMA**

Str-in-ILS	314 MSL	300-1
Str-in-TACAN	500 MSL	500-1
Circling*	600 MSL	600-1
Str-in-LOC	400 MSL	400-1

*Circling to West only.

**TACAN/ILS-2 RWY 36**

26°11'N 127°34'E

157

NAHA AB

NAHA

NAHA**TACAN/ILS-4 RWY 36**

158

NAHA AB

JAL 17 13 JUSAF

OKINAWA APP CON

255.4 135.9

NAHA TOWER

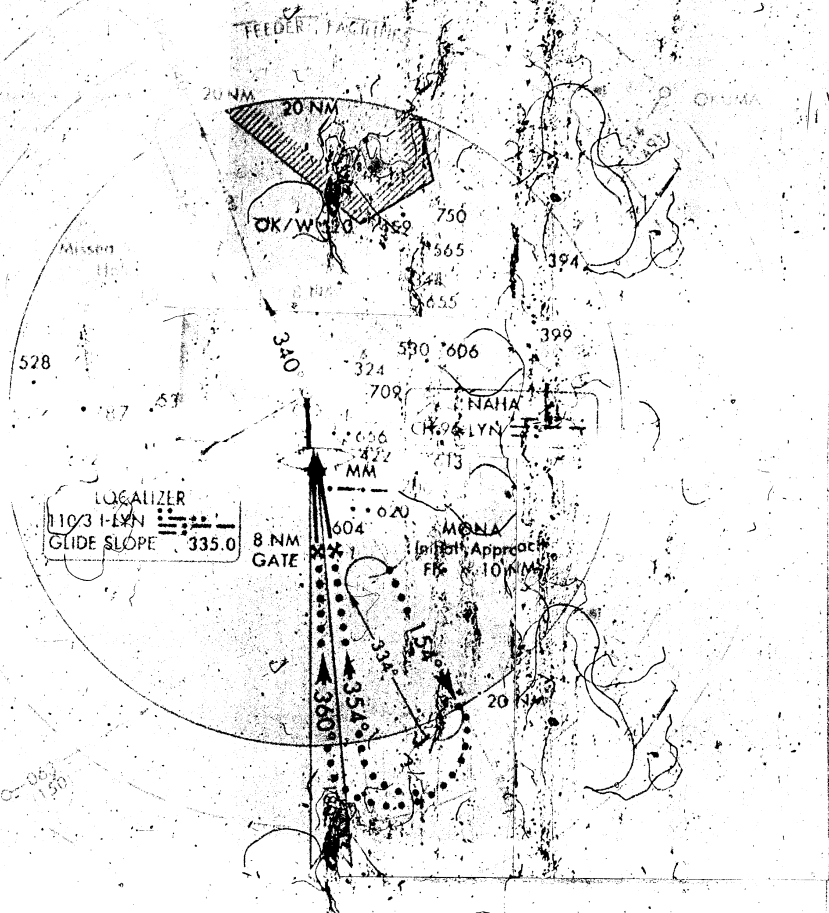
308.6 236.6

126.2 118.1

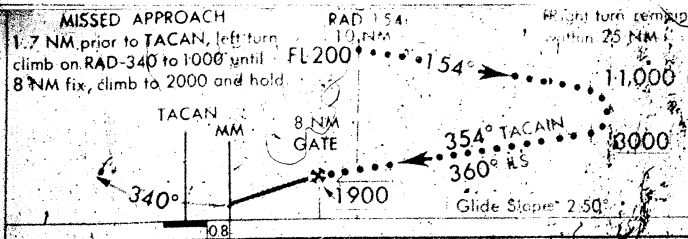
GND CON

284.6

PAR/ASR

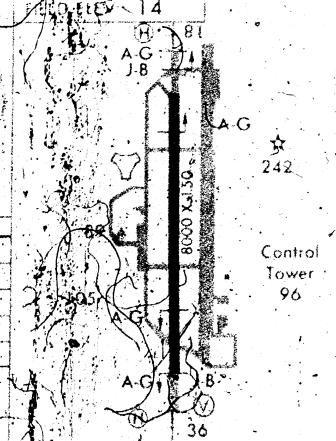
TA 18,000
EMERG SAFE ALT 100 NM 2700

MIN SAFE ALT 25 NM 2200



LANDING MINIMA		
Str-in-ILS	314 MSL	300-1
Str-in-TACAN	500 MSL	500-1
Str-in-LOC	400 MSL	400-1
Circling *	600 MSL	600-1

* Circling to West only

**TACAN/ILS-4 RWY 36**

126 11' N 137 39' E

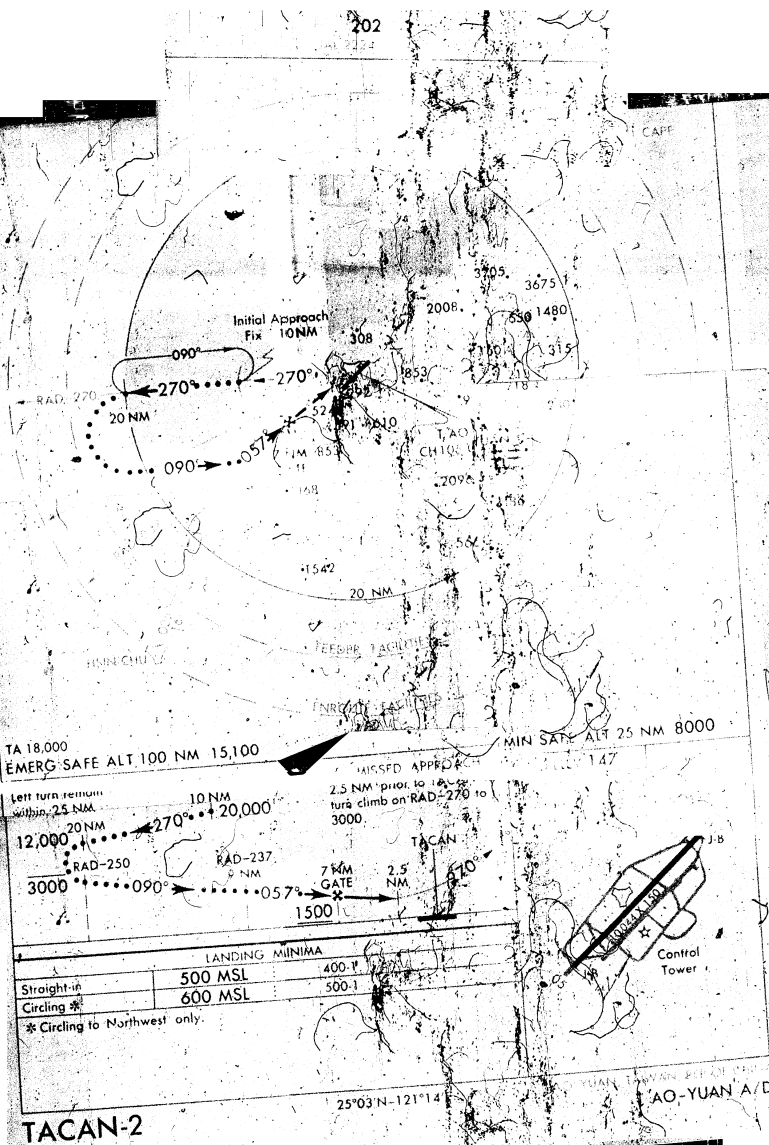
NAHA AB

THE END

UTE BX 6847

RIP # 070

TAOYUAN



TAOYUAN